RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/706,738_

Source: _1FWO_

Date Processed by STIC: _10/22/04_

ENTERED

IFWO

RAW SEQUENCE LISTING   DATE: 10/22/2004
PATENT APPLICATION: US/10/706,738   TIME: 12:36:12

Input Set : A:\TSR-10002.ST25.txt
Output Set: N:\CRF4\10222004\J706738.raw

```
 3 <110> APPLICANT: Hilfinger, John
 4         Roessler, Blake
 5         Kish, Phillip
 7 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS OF GENE DELIVERY AGENTS FOR
SYSTEMIC AND
 8         LOCAL THERAPY
10 <130> FILE REFERENCE: TSR-10002/38
12 <140> CURRENT APPLICATION NUMBER: US 10/706,738
13 <141> CURRENT FILING DATE: 2003-11-12
15 <150> PRIOR APPLICATION NUMBER: US 60/425,379
16 <151> PRIOR FILING DATE: 2002-11-12
18 <160> NUMBER OF SEQ ID NOS: 3
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 12
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 Ala Ala Val Leu Leu Pro Val Leu Leu Ala Ala Pro
30 1               5                  10
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 17
35 <212> TYPE: RNA
36 <213> ORGANISM: mottle virus
39 <220> FEATURE:
40 <221> NAME/KEY: misc_feature
41 <222> LOCATION: (1)..(3)
42 <223> OTHER INFORMATION: n is a, c, g, or u
44 <220> FEATURE:
45 <221> NAME/KEY: misc_feature
46 <222> LOCATION: (6)..(6)
47 <223> OTHER INFORMATION: n is a, c, g, or u
49 <220> FEATURE:
50 <221> NAME/KEY: misc_feature
51 <222> LOCATION: (10)..(17)
52 <223> OTHER INFORMATION: n is a, c, g, or u
54 <300> PUBLICATION INFORMATION:
55 <301> AUTHORs: DeYoung, MB et al.
56 <302> TITLE: Catalytic properties of hairpin ribozymes derived from chicory
57         yellow mottle virus and arabis mosaic virus satellite RNAs
58 <303> JOURNAL: Biochemistry
59 <304> VOLUME: 34
60 <305> ISSUE: 48
61 <306> PAGES: 15785-15791
```

RAW SEQUENCE LISTING   DATE: 10/22/2004
PATENT APPLICATION: **US/10/706,738** TIME: 12:36:12

    Input Set : **A:\TSR-10002.ST25.txt**
    Output Set: **N:\CRF4\10222004\J706738.raw**

```
        62 <307> DATE: 1995-12-05
        64 <400> SEQUENCE: 2
W-->    65 nnnbcngucn nnnnnnn                                        17
        68 <210> SEQ ID NO: 3
        69 <211> LENGTH: 16
        70 <212> TYPE: RNA
        71 <213> ORGANISM: mottle virus
        74 <220> FEATURE:
        75 <221> NAME/KEY: misc_feature
        76 <222> LOCATION: (1)..(5)
        77 <223> OTHER INFORMATION: n is a, c, g, or u
        79 <220> FEATURE:
        80 <221> NAME/KEY: misc_feature
        81 <222> LOCATION: (9)..(16)
        82 <223> OTHER INFORMATION: n is a, c, g, or u
        84 <300> PUBLICATION INFORMATION:
        85 <301> AUTHORs: DeYoung, MB et al.
        86 <302> TITLE: Catalytic properties of hairpin ribozymes derived from chicory
        87       yellow mottle virus and arabis mosaic virus satellite RNAs
        88 <303> JOURNAL: Biochemistry
        89 <304> VOLUME: 34
        90 <305> ISSUE: 48
        91 <306> PAGES: 15785-17591
        92 <307> DATE: 1995-12-05
        94 <400> SEQUENCE: 3
W-->    95 nnnnnguann nnnnn                                          16
```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/22/2004
PATENT APPLICATION: **US/10/706,738** TIME: 12:36:13

Input Set : **A:\TSR-10002.ST25.txt**
Output Set: **N:\CRF4\10222004\J706738.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 1,2,3, 4, 10, 11, 12, 13, 14, 15, 16, 17
Seq#:3; N Pos. 1, 2, 3, 4, 5, 9, 10, 11, 12, 13, 14, 15, 16

VERIFICATION SUMMARY   DATE: 10/22/2004
PATENT APPLICATION: **US/10/706,738**   TIME: 12:36:13

     Input Set : **A:\TSR-10002.ST25.txt**
     Output Set: **N:\CRF4\10222004\J706738.raw**

L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0